LiteTrack Iridium Family

Smallest GPS Iridium collars on the market!

Starting from 130 grams

Innovative solutions for a sustainable future.
## LiteTrack Iridium Collars

### Operating Life

(Number of fixes per day to achieve desired operating life)

<table>
<thead>
<tr>
<th></th>
<th>LiteTrack 130</th>
<th>LiteTrack 150</th>
<th>LiteTrack 250</th>
<th>LiteTrack 330</th>
<th>LiteTrack 360</th>
<th>LiteTrack 420</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Weight (g) Ungulate/Carnivore</td>
<td>125 - 140</td>
<td>145 - 190</td>
<td>220 - 260</td>
<td>309 - 342</td>
<td>344 - 376</td>
<td>405-437</td>
</tr>
<tr>
<td>Fix Type</td>
<td>Regular *</td>
<td>Swift **</td>
<td>Regular *</td>
<td>Swift **</td>
<td>Regular ***</td>
<td>Swift ***</td>
</tr>
<tr>
<td>1 year life</td>
<td>5</td>
<td>9</td>
<td>13</td>
<td>20</td>
<td>18</td>
<td>24</td>
</tr>
<tr>
<td>2 years life</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>9</td>
<td>15</td>
<td>12</td>
</tr>
<tr>
<td>3 years life</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>3</td>
<td>8</td>
</tr>
<tr>
<td>4 years life</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>5 years life</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>1</td>
<td>3</td>
</tr>
</tbody>
</table>

* VHF beacon is set to operate for 7 hours a week on average. The collar transmits through Iridium after collecting 18 positions in record.

** VHF beacon is set to operate for 21 hours a week on average. The collar transmits through Iridium after collecting 9 positions.

*** VHF beacon is set to operate for 28 hours a week on average. The collar transmits through Iridium after collecting 18 positions for regular and 9 positions for swift fixes.

Operating life can be further increased by decreasing the frequency of iridium transmissions (more positions in the record) and/or decreasing average time when VHF beacon is on.

Mortality Function option: Available

Activity in 2D or 3D: Available

Ambient temperature: Available

Geo-fencing: Available

VHF frequency range: 148 - 174 MHz

Operating temperature: -30°C - +50°C

User replaceable battery pack: 250, 330, 360, 420 models only

Factory replaceable batteries: 130 and 150 models only

Two way communication: Remote download of data and upload of GPS and VHF schedules, and geo-fence polygons through Lotek web service via Iridium or directly to and from the collar via a PC interface

Drop offs: Optional TRD on all models or TRRD on 330, 360 and 420 models only

All specifications are preliminary and subject to change.